

Sub C1
B1
1 (Twice Amended) A foam having a density ranging from about 10 to about 160 kg/m³ and produced from a physical blowing agent, comprising a blend of an aging modifier selected from at least one fatty acid ester, fatty acid amide, or hydroxyl amide, a low density polyethylene, and an ethylene polymer having a density ranging from greater than 0.94 to about 0.97 grams/cubic centimeter and a melt flow index of greater than 10 g/10 minutes, said ethylene polymer comprising at least one member selected from ethylene/alpha-olefin copolymer, ethylene homopolymer, and blends thereof.

Sub C2
B2
8 (Twice Amended) A method of making a foam, comprising:
a. blending an aging modifier selected from at least one fatty acid ester, fatty acid amide, or hydroxyl amide, a low density polyethylene, and an ethylene polymer having a density ranging from greater than 0.94 to about 0.97 grams/cubic centimeter and a melt flow index of greater than 10 g/10 minutes, said ethylene polymer comprising at least one member selected from ethylene/alpha-olefin copolymer, ethylene homopolymer, and blends thereof;
b. adding a physical blowing agent to said blend; and
c. causing said blowing agent to expand within said blend, thereby forming a foam, whereby, said foam has a density ranging from about 10 to about 160 kg/m³.

Please add the following new claims:

Sub C3
B3
16 A foam, comprising a blend of a low density polyethylene and an ethylene polymer having a density ranging from greater than 0.94 to about 0.97 grams/cubic centimeter and a melt flow index ranging from about 23 to about 69 g/10 minutes, said ethylene polymer comprising at least one